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THE ALKALOIDS OF LEONTICE NURSINGMANNII BGE AND LEONTICE ALBERTI BGE

In all, five alkaloids are obtained from the various parts of *Leontice Evermannii* Bge. One is a new discovery, named leontine by these authors. It has the composition $C_{15}H_{24}O_2$.

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A second alkaloid, leontidine, was extracted and its composition established as $C_{15}H_{24}O_{12}$. It is an unsaturated alkaloid, but lecutine is saturated. Both are mono-acidic tertiary bases containing one nitrogen and one oxygen molecule in an inactive form.

A one-percent yield of alkaloids was extracted from *Leontice Alberti* Bge, stored at the beginning of the blossoming. Thirty seven percent of methyletyisine, alkaloid with a melting point of 180-183 degrees, and liquid bases were subsequently obtained from this mixture. The tubers contained 0.75 percent of a mixture of bases, 60 percent of which was composed of methyletyisine and a liquid alkaloid.

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